

CLAIMS

1. (Currently Amended) A computer-readable storage medium having stored thereon an application framework for developing an application, comprising:

an application object that isolates the application from other applications or external resources, raises startup and shutdown events for the application, and manages application windows and resources;

navigation components that provide navigation functionality by sharing a global state across a plurality of pages, journaling, journal extensibility, and structured navigation;

application lifecycle management components that define how the application is deployed, installed, activated, updated, rolled back, and removed from a computing system;

a secure execution environment that defines a default set of permissions for the application during execution of the application in the secure execution environment, and if the application requires permissions in addition to the default set of permissions, requiring installation of the application;

a component that defines a mechanism that allows the application to access common window properties of a hosting environment in a like manner regardless of whether the hosting environment is a browser or a standalone window environment; and

a manifest that specifies a first subset of components of the application as required, a second subset of components of the application as on-demand, and a third subset of components of the application as online, with the first, second, and third

subsets of components of the application differing, wherein the second subset of components being drizzle-downloaded in the background as a user interacts with the application, wherein ~~upon~~ when a specific component of the second subset of components is requested, the specific component takes precedence over remaining components of the second subset of components and is downloaded on-demand while the remaining components are drizzle-downloaded in the background.

2. (Cancelled)

3. (Cancelled)

4. (Previously Presented) A computer-readable storage medium as recited in claim 1, wherein the application framework further includes components that define the behavior of windows associated with the application.

5. (Cancelled)

6. (Previously Presented) A computer-readable storage medium as recited in claim 1, wherein the component that provides navigation functionality comprises a NavigationApplication object.

7. (Previously Presented) A computer-readable storage medium as recited in claim 6, wherein the NavigationApplication object identifies an initial resource to which the application navigates when launched.

8. (Previously Presented) A computer-readable storage medium as recited in claim 7, wherein the NavigationApplication object further includes navigation related events that are fired in response to the occurrence of a navigation.

9. (Previously Presented) A computer-readable storage medium as recited in claim 7, wherein the NavigationApplication object further comprises a Properties collection in which is stored state information about the application.

10. (Previously Presented) A computer-readable storage medium as recited in claim 1, wherein the component that provides journaling and journal extensibility comprises a Journal object.

11. (Previously Presented) A computer-readable storage medium as recited in claim 1, wherein the navigation framework further comprises a NavigationWindow component associated with the application and that persists across navigations.

12. (Previously Presented) A computer-readable storage medium as recited in claim 1, wherein the first subset of components are minimum code for the application to run in the hosting environment.

13. (Previously Presented) A computer-readable storage medium as recited in claim 1, wherein the third subset of components are stored in a transient cache.